



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司



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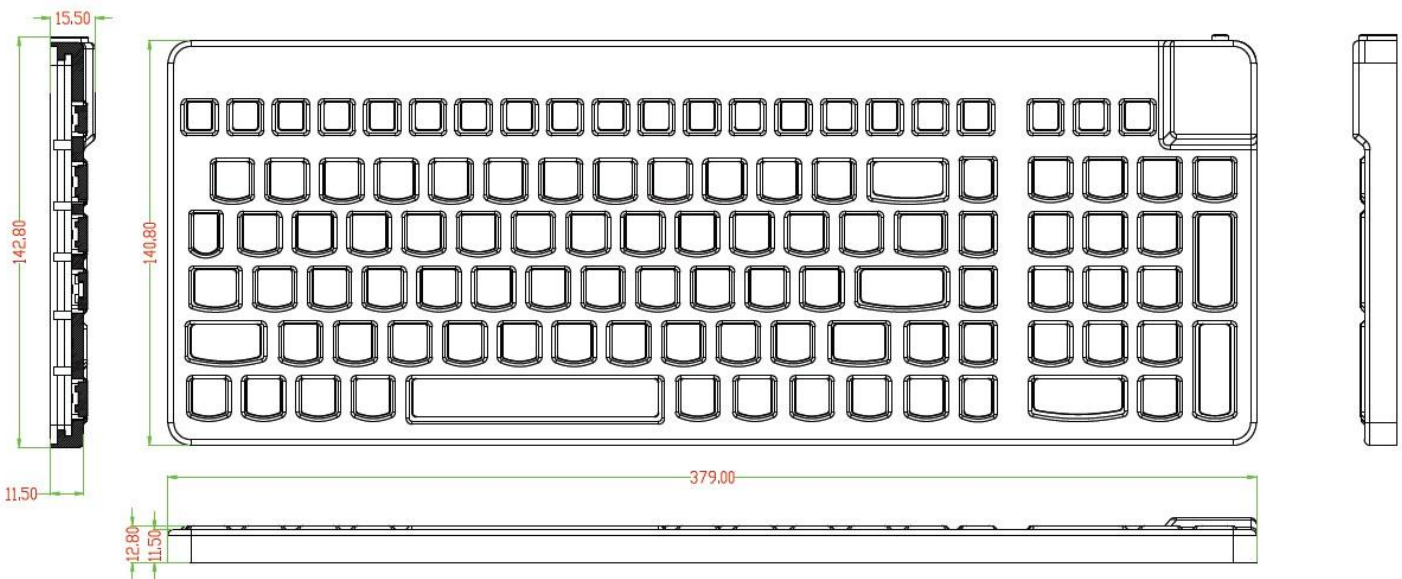
E-mail: info@key-tek.cn, sales01@key-tek.cn

Website: www.key-tek.cn, www.rugged-key.com

Model NO: K-TEK-M375KP-FN-DT

DIMENSIONS : 379.0mm x 142.8mm x 15.5mm (L x W x H)

DESCRIPTION: 106 keys IP68 dynamic sealed & ruggedized industrial silicone rubber Hygienic keyboard, integrated sealed numeric keypad, function keys and industrial PCB with carbon-on-gold key switch technology with long stroke (1.50mm) with extremely good tactile feeling for fast and accurate data input without any noise, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning via locking/disable the whole keyboard without needing to take away the keyboard from PC, panel mounted solution, movable stand alone desk top version, adjustable industrial backlight optional.





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APPLICATIONS:

This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

MEDICAL: lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;

MATERIAL HANDLING: mobile keyboard, data entry, assembly line etc

MILITARY: Army, Navy, Air force

INDUSTRIAL: Industrial automation, pharmaceutical, oil and gas, **food and beverage**, clean or dirty manufacturing environments, warehouses

OTHER INDUSTRIES

MAIN FEATURE:

keyboard with NVIS-compliant red adjustable backlighting optional, while NVIS backlighting makes this keyboard ideal for aviation or vehicle applications where night vision goggles are necessary.

Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality

The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.

Special durable-coating for excellent mechanical and chemical resistance

Clean key

-Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime

-User is notified of 'lock down mode' by brightly lit CLEAN KEY

With firm tactile key feel, key travel 1.50mm key travel.

Actuation Force: Square key: 1.2N+/-0.1N Rectangular key: 2N+/-0.1N

Integrated numeric keypad.

Ease of customizing with multiple languages, to accommodate foreign or custom variants.

PS/2, USB connection cables that plug directly into computer like keyboard operations.

Enclosure: industrial silicone, Aluminum (rear side).

Key life: 5 millions

MECHANICAL DATA

Key: 106 keys

Key top style: Protuberant rectangular keys with tactile feeling.

Key Size: 12.0mm X 13.0mm for normal keys, 23.4mm x 13.0mm for enter key and 68.0mm x 13.0 mm for space bar key.

Switch life: more than 10 million of operations.

G.W.: 1.0KGs

Dimensions: 379.0mm x 142.8mm x 15.5mm (L x W x H)





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ELECTRICAL DATA

Supply Voltage: +5V DC +/-5%

Current Rating: 30mA

EMC Standard: EN 55032:2015 EN 55035:2017

Lifespan > 5 years

Switch Contact Material: Carbon-on-Gold key switch technology with gold PCB.

Interface: PS2, USB available.

Cable length: Standard 2.0m, customized length available.

OS: All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).

ENVIRONMENTAL ADAPTABILITY

Operating temperature: -20°C to +60°C

Storage temperature: -30°C to +70°C

Saline mist: 96h, IEC60512-6

Damp heat test at +40°C: 21 days, IEC 60512-6

Dry heat test at +85°C: 10 days, IEC 60512-6

Humidity: 100%

Atmospheric pressure: 60-106Kpa

Shock: 3x11 ms pulses of 50g on each of 3 axes

Vibration: POWER SPECTRAL DENSITY: 0.04g/Hz, FREQUENCY RANGE: 20Hz - 2kHz, DURATION OF TEST PER AXIS: 3 hours

Flammability

PRINTED CIRCUIT BOARD: 94 V-0 SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 HB

RELIABILITY

RoHS, CE, FCC

Protection Level: IP68

Key Lifespan >5 million actuations

MTBF >20000H

MTTR <30min

